

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG _____ ELECTRIC LOGS _____ FILE X _____ WATER SANDS _____ LOCATION INSPECTED _____ SUB. REPORT/abd. _____* Location Abandoned- well never drilled- Jan 29, 1982DATE FILED 11-26-80LAND: FEE & PATENTED Fee STATE LEASE NO. _____

PUBLIC LEASE NO. _____

INDIAN _____

DRILLING APPROVED: 12-2-80

SPUDED IN: _____

COMPLETED: _____ PUT TO PRODUCING: _____

INITIAL PRODUCTION: _____

GRAVITY A.P.I. _____

GOR: _____

PRODUCING ZONES: _____

TOTAL DEPTH: _____

WELL ELEVATION: _____

DATE ABANDONED: LA Jan 29, 1982FIELD: Wildcat 3/86 Undesignated

UNIT: _____

COUNTY: San JuanWELL NO. Bug #21API NO. 43-037-30615LOCATION 1900' FT. FROM (X) (S) LINE.480'

FT. FROM (E) (X) LINE.

NE 1/4 SE 1/41/4 - 1/4 SEC. 22

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				<u>36S</u>	<u>26E</u>	<u>22</u>	<u>WEXPRO COMPANY</u>

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

9

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK		5. Lease Designation and Serial No. Fee
1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		6. If Indian, Allottee or Tribe Name --
b. Type of Well Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone <input type="checkbox"/>		7. Unit Agreement Name None
2. Name of Operator Wexpro Company		8. Farm or Lease Name Bug
3. Address of Operator P.O. Box 1129, Rock Springs, Wyoming 82901		9. Well No. 21
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface NE 1/4 SE 1/4 S. 22, T.36S., R.26E., San Juan Co., Utah At proposed prod. zone 480' FEL 1900' FSL		10. Field and Pool, or Wildcat Development
11. Sec., T., R., M., or Bk. and Survey or Area S.22, T.36S., R.26E.		12. County or Parrish San Juan
14. Distance in miles and direction from nearest town or post office* Northeast 20 miles to Dove Creek, Colorado		13. State Utah
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) 480'	16. No. of acres in lease 92	17. No. of acres assigned to this well --
18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft. None	19. Proposed depth 6385'	20. Rotary or cable tools Rotary
21. Elevations (Show whether DF, RT, GR, etc.) GR 6590'		22. Approx. date work will start* Upon Approval
23. PROPOSED CASING AND CEMENTING PROGRAM		
Size of Hole	Size of Casing	Weight per Foot
12-1/4"	9-5/8"	36#
8-3/4"	5-1/2"	17#
Setting Depth	Quantity of Cement	
2045'	935 Sks. of Reg. "G" Cement w/3% CaCl	
6385'	To be determined from caliper logs	

Wexpro Company proposes to drill the subject well to a total depth of 6,385'.

**APPROVED BY THE DIVISION
OF OIL, GAS, AND MINING**
DATE: 12/2/80
BY: CB Ferguson

RECEIVED

NOV 26 1980

DIVISION OF
OIL, GAS & MINING

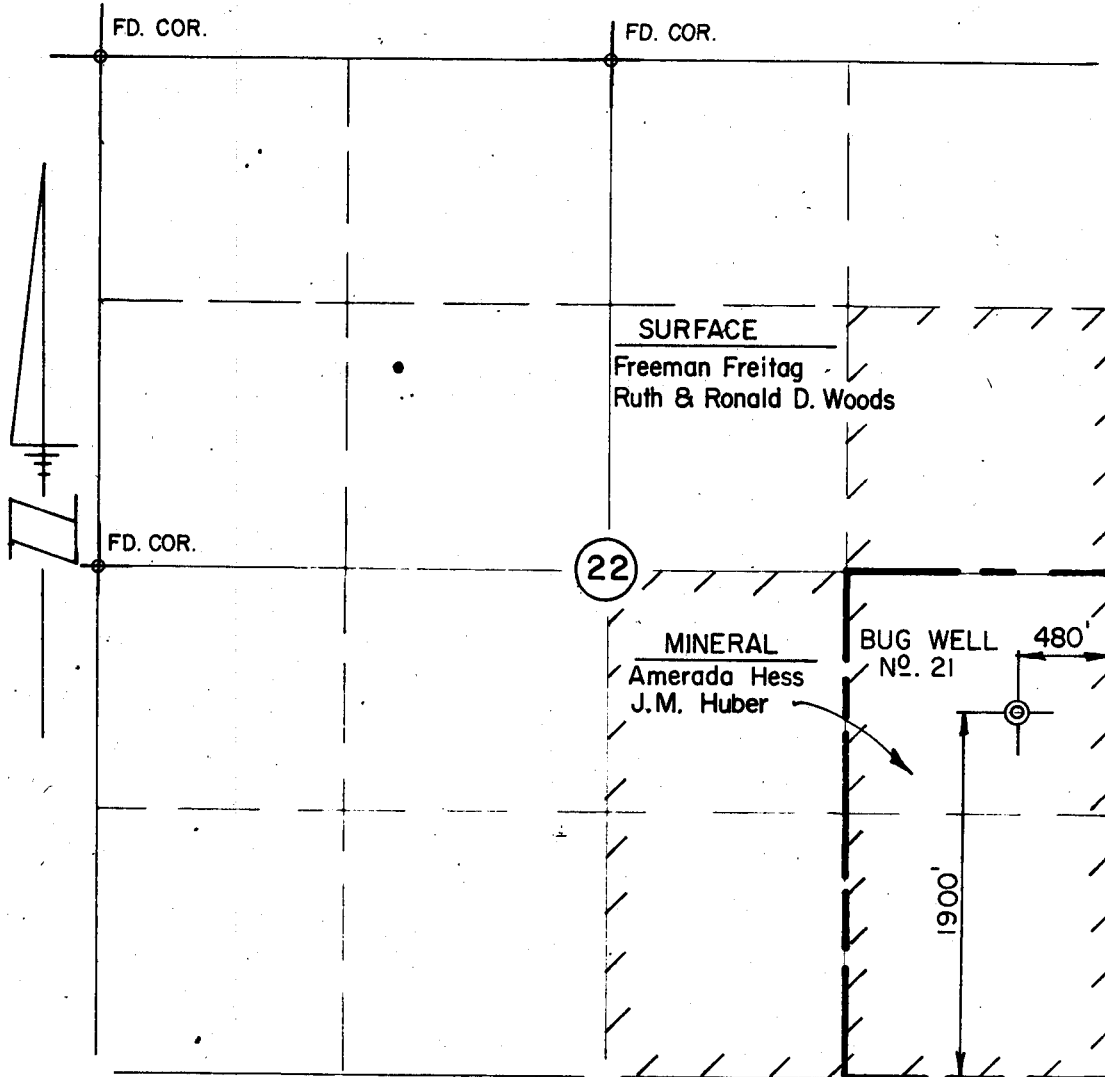
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Signed Rex W. Headd Title Dir. of Civil Eng. Date 11/20/80
 (This space for Federal or State office use)

Permit No. _____ Approval Date _____

Approved by _____ Title _____ Date _____
 Conditions of approval, if any:

T. 36 S., R. 26 E., S.L.B. & M.
San Juan County, Utah



LOCATION PLAN
SCALE 1" = 1000

Surface

Mineral

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge.

LEGEND

- Well
- Stone Corner
- Pipe Corner

Thomas W. Harvey
ENGINEER

THOMAS W. HARVEY, UTAH L.S. Registration No. 3824

ENGINEERING RECORD

SURVEYED BY	B & G 11-2-80
REFERENCES	G.L.O. PLAT <input type="checkbox"/> U.S.G.S. QUAD. MAP <input checked="" type="checkbox"/>
LOCATION DATA	
FIELD	Bug
LOCATION: NE 1/4 SE 1/4, Sec. 22, T.36 S., R.26 E., S.L.B. & M. 480' FEL, 1900 FSL	
San Juan County, Utah	
WELL ELEVATION: 6585' "as graded" by electronic vertical angles from Company Bench Mark.	



WEXPRO COMPANY

CERTIFIED WELL LOCATION
AND
WELL SITE PLAN

BUG WELL NO. 21

DRAWN: B & G 11-10-80 SCALE: 1" = 1000

CHECKED: *DTM*
APPROVED: *RWH*

DRWG.
NO. M-15653

1/4

WEXPRO COMPANY
BUG WELL NO. 21
LEASE NO.: FEE
NE SE SECTION 22, T.36S., R.26E.
San Juan County, Utah
10-Point Plan

1. The surface formation is Morrison.
2. Estimated tops of important geological markers are:

Morrison	Surface
Entrada	1120'
Carmel	1260'
Navajo	1310'
Chinle	1970'
Shinarump	2705'
Cutler	2975'
Honaker Trail	4635'
Paradox	5340'
Upper Ismay	5810'
Lower Upper Ismay	5990'
(Base 2nd Shale)	
Lower Ismay Shale	6050'
Lower Ismay Porosity	6165'
"B" Zone	6185'
Desert Creek	6240'
Lower Bench	6285'
Desert Creek Porosity	6295'
Salt	6380'
Total Depth:	6385'

Objective Reservoir: Lower-Upper Ismay, 5990'
Desert Creek Porosity, 6295'

Other Possible Producing Zones: Honaker Trail, 4635'
Lower Ismay Porosity, 6165'

3. Estimated depths of anticipated water, oil or gas or other mineral bearing formations expected to be encountered:

No mineral bearing formations or water flow anticipated. Surface casing is designed to protect aquifer in the Navajo sandstone.

Oil or gas expected in Objective Reservoir -- Lower-Upper Ismay, 5990'; Desert Creek Porosity, 6295'. Other possible producing zones may be encountered in the Honaker Trail 4635', and in the Lower Ismay Porosity, 6165' zones.

4. Casing Program:

<u>Proposed</u>	<u>Footage</u>	<u>Size</u>	<u>Grade</u>	<u>Weight</u>	<u>Condition</u>	<u>Thread</u>
Surface	2045'	9-5/8"	K-55	36#	NEW	8rd ST&C
Production	6385'	5-1/2"	K-55	17#	NEW	8rd LT&C

Wexpro Company
Bug Well No. 21
Lease No.: Fee
NE SE S.22, T.36S., R.26E.
San Juan County, Utah
10-Point Plan

Page Two

Cement Program:

Surface: 935 sacks of Regular Type "G" cement plus 70% excess cement treated with 5% Dowell D-43A or 3% Calcium Chloride.

Production: Cement volumes and composition to be determined from caliper logs. Cement to be set 1000 feet above the uppermost productive zone. Cement casing with 50-50 Pozmix A cement.

5. Operator's minimum specifications for pressure control equipment requires a 10", 3000 psi annular preventer, and a 10", 3000 psi double gate blowout preventer from the surface to the total depth. See attached diagram. Blowout preventers will be tested by rig equipment after each string of casing is run. All ram-type preventers will have hand wheels installed and operative at the time the preventers are installed.
6. Fresh water with minimum properties from surface to total depth. Spud mud will be used for the surface hole. A mud de-sander will be used from under the surface casing to total depth to remove all undesirable solids from the mud system and to keep the mud weight to a minimum. The mud weight will be brought up to 11.7 ppg before drilling into the Desert Creek Zone at 6240'.

A fully manned logging unit will be used from 4550' to total depth. The contractor will catch 10' samples from surface to 4550'.

Sufficient mud materials to maintain mud requirements and to control minor lost circulation and blowout problems will be stored at the well site.

7. Auxiliary equipment will consist of:

1. A manually operated kelly cock.
2. No floats at bit.
3. Mud will be monitored visually from 0' to total depth.
4. Full opening Shafer floor valve manually operated.

8. Five drill stem tests: (1 & 2) Honaker Trail 4635'
3) Lower Upper Ismay 5990'
4) Lower Ismay Porosity 6165'
5) Desert Creek Porosity 6295'

Cores: 60', Desert Creek Porosity, 6295'

- Mechanical Logs:
1. Dual Induction Lateralog from total depth to surface pipe.
 2. Compensated Neutron-Density Log with caliper and Gamma Ray from total depth to surface pipe. Run Gamma Ray and CNL to surface.
 3. Continuous Dipmeter from total depth to 4385' (minimum run). Run Gamma Ray correlation log with Dipmeter.

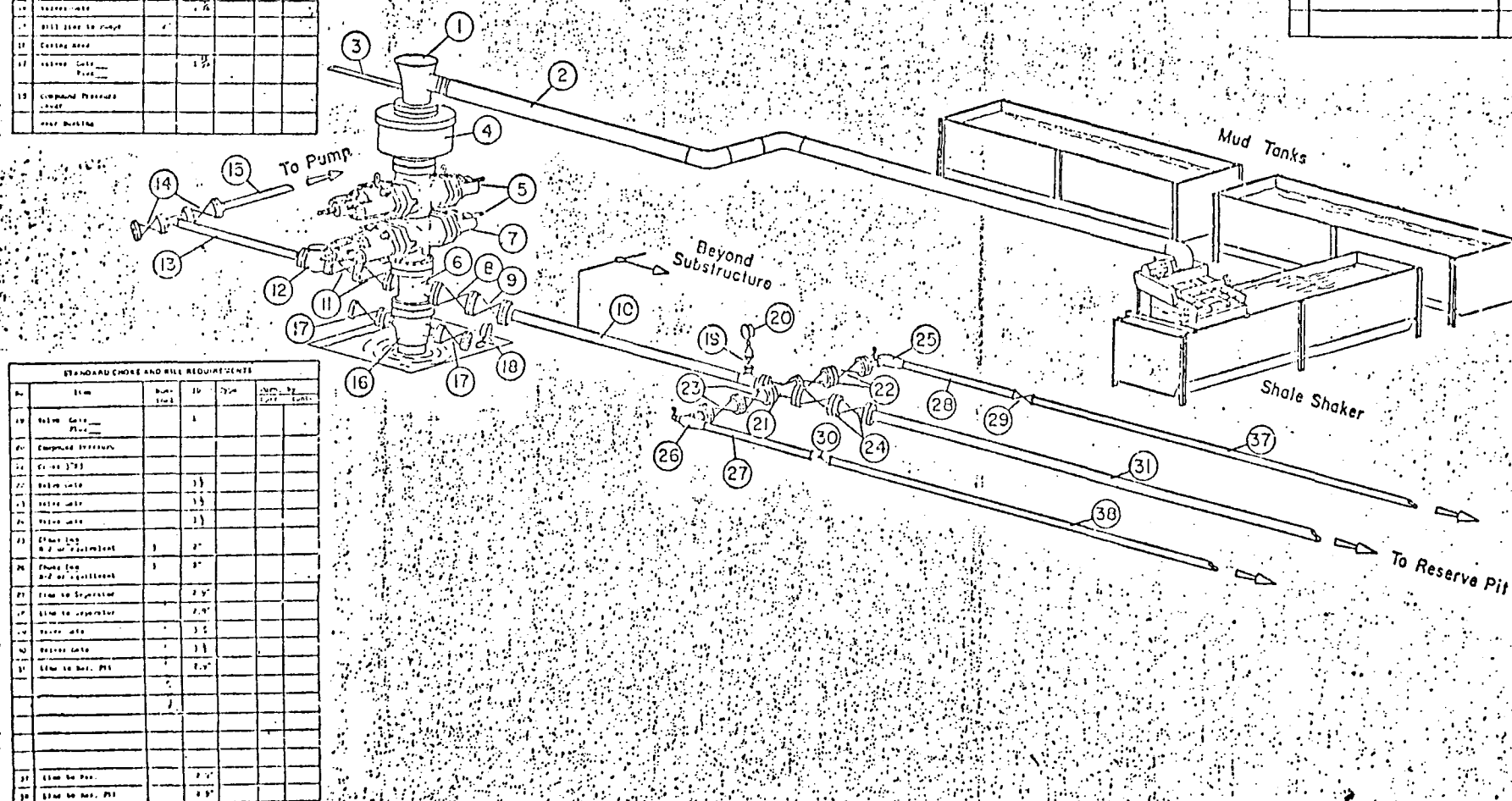
Wexpro Company
Bug Well No. 21
Lease No.: Fee
NE SE S.22, T.36S., R.26E.
San Juan County, Utah
10-Point Plan

Page Three

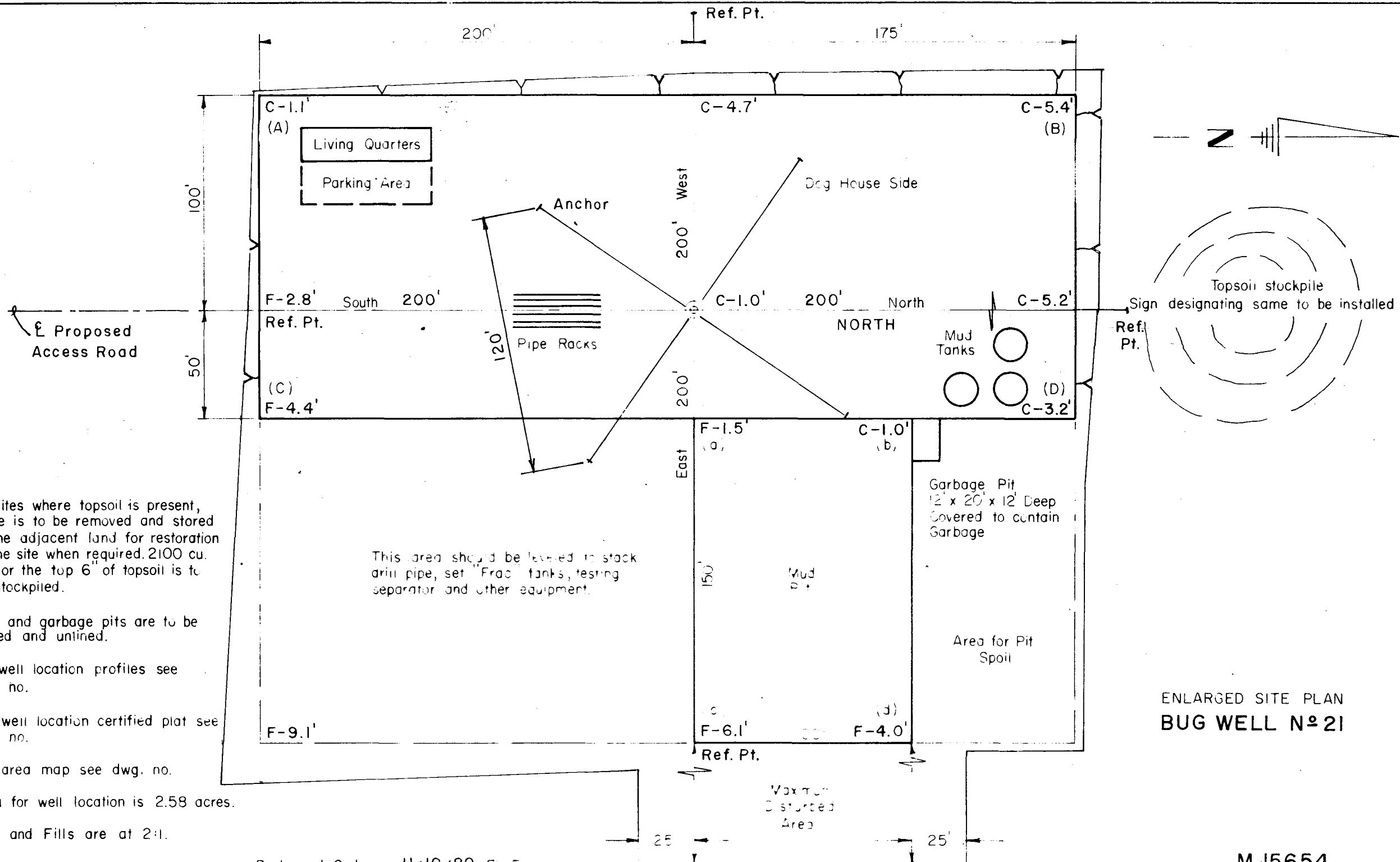
During drill stem testing or when a completion rig is completing a well, some flaring of natural gases or produced gases will be necessary.

9. No abnormal temperatures or Hydrogen Sulfide is anticipated. No abnormal pressures anticipated except the Lower Desert Creek over-pressured zone at 6295'. The pressure will be controlled with a mud weight of 11.7 ppg before drilling into the Desert Creek zone.
10. The anticipated spud date is upon approval from the State of Utah. Duration of drilling will be approximately 25 days with 2 days completion.

STANDARD LIST OF EQUIPMENT						
No.	Item	Q. M. Inv.	10 ft	Type	10 ft	10 ft
1	Swelling Pipe					
2	Flange					
3	Roll up line	2"				
4	Amulet Pressure					
5	One single or one double one over one					
6	Swelling Pipe with 2" and 1" valves					
7	an alternative to (6) an one over one from outside to into one					
8	valve gate		1 1/2			
9	Pressure Transferring operator gate		1 1/2			
10	over line		2 1/2			
11	gate valve		1 1/2			
12	Gate valve		2 1/2			
13	Roll line	2"				
14	valve gate		1 1/2			
15	Roll line to pump	2"				
16	Coring Head					
17	valve gate		1 1/2			
18	Compound Pressure head					
19	over drilling					

[illegible][illegible]

SCALE 1" = 2000



At sites where topsoil is present, same is to be removed and stored on the adjacent land for restoration at the site when required. 2100 cu. yds. or the top 6" of topsoil is to be stockpiled.

Mud and garbage pits are to be fenced and unlined.

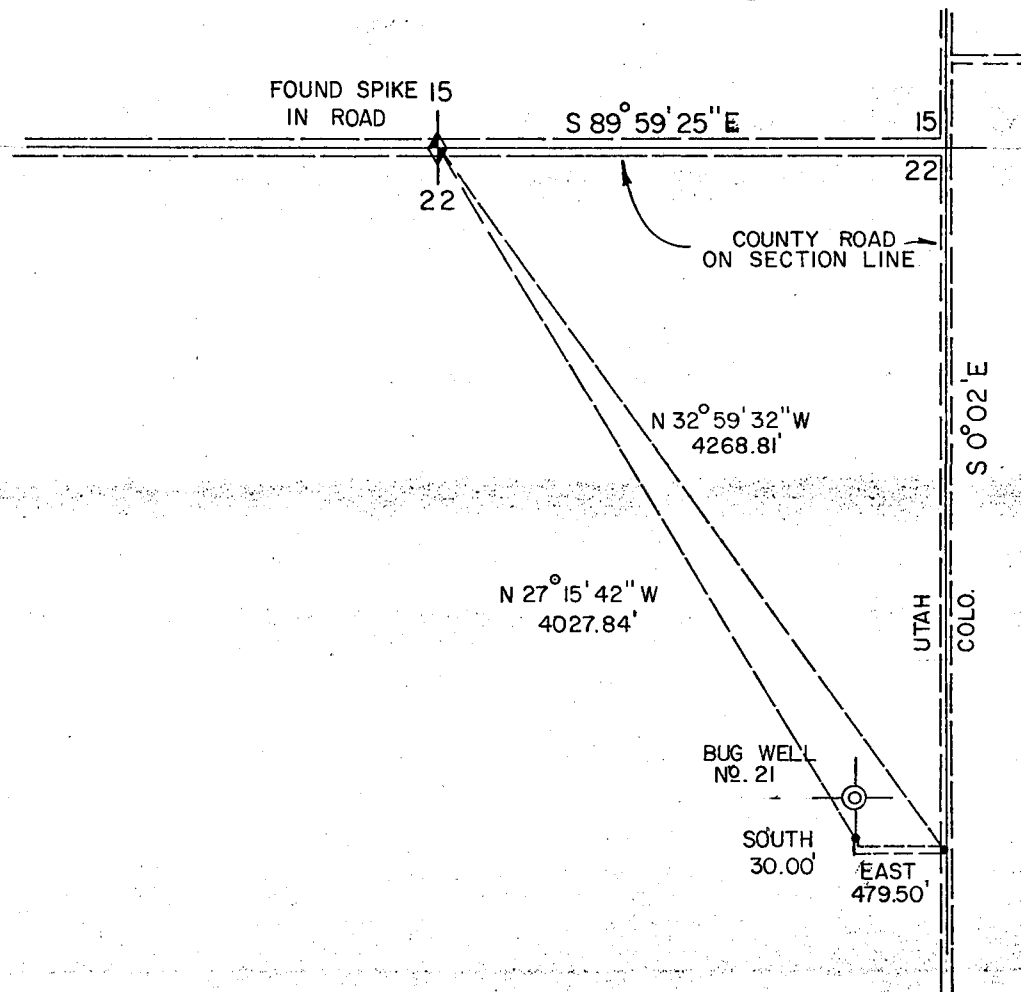
For well location profiles see dwg. no.

For well location certified plat see dwg. no.

For area map see dwg. no.

Area for well location is 2.58 acres.

Cuts and Fills are at 2:1.

P.I. STATIONS:

1. 0 + 00
2. 0 + 30
3. 5 + 09.50

BEARING:

South
East

TABULATIONS

Freeman Freitag
Ruth and Ronald D. Woods

509.50 feet
30.88 rods
0.10 miles

PROPOSED ACCESS ROAD

BUG WELL No. 21

** FILE NOTATIONS **

DATE: Dec 1, 1980
OPERATOR: Weyper Company
WELL NO: Bag 21
Location: Sec. 22 T. 36S R. 26E County: San Juan

File Prepared: ☐

Entered on N.I.D: ☐

Card Indexed: ☐

Completion Sheet: ☐

API Number 43-037-30615

CHECKED BY:

Petroleum Engineer: _____

Director: OK as per order issued in case 186-3

Administrative Aide: _____

APPROVAL LETTER:

Bond Required: ☐ Survey Plat Required: ☐

Order No. 186-3 Att 230280 O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation Dec

Plotted on Map ☒

Approval Letter Written ☒

Hot Line ☒

P.I. ☒

December 8, 1980

Wexpro Company
P. O. Box 1129
Rock Springs, Wyoming 82901

Re: Well No. Bug #21
Sec. 22, T. 36S, R. 26E
San Juan County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with the Order issued in Cause No. 186-3 dated October 23, 1980.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-037-30615.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

Cleon B. Feight/ka
Cleon B. Feight
Director

/ka
cc:



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 15, 1982

Wexpro Company
P. O. Box 1129
Rock Springs, Wyoming 82901

Re: See attached

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

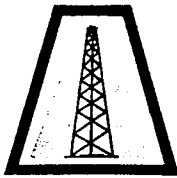
DIVISION OF OIL, GAS AND MINING

Cari Furse
Clerk Typist

Well No. Bug #19
Sec. 21, T. 36S, R. 26E
San Juan County, Utah

Well No. Bug #21
Sec. 22, T. 36S, R. 26E
San Juan County, Utah

Well No. Bug #7
Sec. 7, T. 36S, R. 26E
San Juan County, Utah



WEXPRO COMPANY

625 CONNECTICUT AVENUE • P.O. BOX 1129 • ROCK SPRINGS, WYOMING 82901 • (307) 362-5611

January 26, 1982

LA

State of Utah
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

Gentlemen:

This is to notify you that Wexpro Company does not intend to drill the following wells for geologic reasons:

Patterson Unit #3, 32-37S-25E, San Juan County, Utah
Bug # 5, 15-36S-26E, San Juan County, Utah
Bug # 7, 7-36S-26E, San Juan County, Utah
Bug #11, 21-36S-26E, San Juan County, Utah
Bug #19, 21-36S-26E, San Juan County, Utah
Bug #21, 22-36S-26E, San Juan County, Utah

If a decision is made to drill at a later date, Wexpro will re-submit the applications to the Division.

Sincerely,

Jennifer Head
Coordinator Environmental Affairs

RECEIVED
FEB 01 1982
DIVISION OF
OIL, GAS & MINING